

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference P401022WO	FOR FURTHER ACTION		see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No. PCT/GB2004/005370	International filing date (day/month/year) 17/12/2004	(Earliest) Priority Date (day/month/year) 18/12/2003	
Applicant UNIVERSITY OF DURHAM			

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 2

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04N13/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2001/045979 A1 (MATSUMOTO YUKINORI ET AL) 29 November 2001 (2001-11-29) paragraphs '0043!', '0218!' - '0220!', '0318!' - '0323!' -----	1,9-11, 18-20
A	EP 1 089 573 A (SHARP KABUSHIKI KAISHA) 4 April 2001 (2001-04-04) cited in the application abstract; figures 1-5 paragraphs '0016!', '0024!', '0031!', '0038!' - '0041!' -----	1,9-11, 18-20
A	US 5 175 616 A (MILGRAM ET AL) 29 December 1992 (1992-12-29) column 28, lines 35-64; figure 11 ----- -/-	1,9-11, 18-20

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents *

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

C document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

S document member of the same patent family

Date of the actual completion of the international search:

18 April 2005

Date of mailing of the international search report

28/04/2005

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INTERNATIONAL SEARCH REPORT

International Application No.

PCT/GB2004/005370

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages.	Relevant to claim No.
A	US 2002/118275 A1 (HARMAN PHILIP VICTOR) 29 August 2002 (2002-08-29) abstract; figures 1-4 -----	1,9-11, 18-20
A	US 5 543 964 A (TAYLOR ET AL) 6 August 1996 (1996-08-06) abstract; figure 1 -----	1,9-11, 18-20

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

PCT/GB2004/005370

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2001045979	A1	29-11-2001	JP 3197801 B2	13-08-2001
			JP 9081746 A	28-03-1997
			JP 8331607 A	13-12-1996
			CN 1153362 A ,C	02-07-1997
			DE 69621509 D1	11-07-2002
			DE 69621509 T2	16-01-2003
			EP 1150253 A2	31-10-2001
			EP 1150254 A2	31-10-2001
			EP 0735512 A2	02-10-1996
			US 6384859 B1	07-05-2002
EP 1089573	A	04-04-2001	GB 2354389 A	21-03-2001
			EP 1089573 A2	04-04-2001
			EP 1085769 A2	21-03-2001
			GB 2354391 A	21-03-2001
			JP 3568195 B2	22-09-2004
			JP 2001148869 A	29-05-2001
			JP 2001142166 A	25-05-2001
			US 6512892 B1	28-01-2003
			US 6798406 B1	28-09-2004
US 5175616	A	29-12-1992	NONE	
US 2002118275	A1	29-08-2002	WO 0213143 A1	14-02-2002
			AU 7739501 A	18-02-2002
			CA 2418089 A1	14-02-2002
			CN 1462416 A	17-12-2003
			EP 1314138 A1	28-05-2003
			JP 2004505394 T	19-02-2004
US 5543964	A	06-08-1996	NONE	